

## Seals Eastern 5241 Neoprene / Chloroprene

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE)

**Material Notes:**

General purpose neoprene information provided by Seals Eastern, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Seals-Eastern-5241-Neoprene-Chloroprene.php](http://www.lookpolymers.com/polymer_Seals-Eastern-5241-Neoprene-Chloroprene.php)

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	>= 42	>= 42	ASTM D2240, Type A
	52	52	AVG; ASTM D2240, Type A
Tensile Strength at Break	>= 10.75 MPa	>= 1559 psi	ASTM D412 Method A
	14.47 MPa	2099 psi	AVG; ASTM D412 Method A
Tensile Strength, Yield	>= 0.572 MPa	>= 83.0 psi	Stress at Elongation M50; ASTM D412 Method A
	0.586 MPa	85.0 psi	AVG Stress at Elongation M25; ASTM D412 Method A
	0.814 MPa	118 psi	AVG Stress at Elongation M50; ASTM D412 Method A
	>= 0.917 MPa	>= 133 psi	Stress at Elongation M100; ASTM D412 Method A
Elongation at Break	>= 255 %	>= 255 %	ASTM D412 Method A
	485 %	485 %	AVG; ASTM D412 Method A
Modulus of Elasticity	0.00345 GPa	0.501 ksi	ASTM D412 Method A
Shear Modulus	0.00115 GPa	0.167 ksi	ASTM D412 Method A
Secant Modulus	0.00325 GPa	0.471 ksi	ASTM D412 Method A

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-40.0 Â°C	-40.0 Â°F	ASTM D1329

Descriptive Properties	Value	Comments
Strain Energy / Unit Volume at 20% Elongation (psi)	9	

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